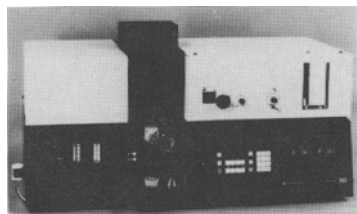


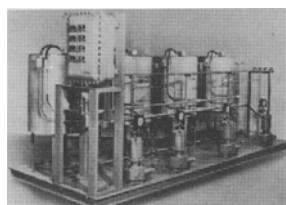
# New Products



• Instrumentation Laboratory Inc. has introduced its new single-beam IL157 and double-beam IL257 atomic absorption spectrophotometers under microcomputer control. The firm says the instruments are relatively inexpensive and have two distinguishing features: the ability to take data in the "running mean" mode and the availability of performance package and built-in printer option for increased data-handling capability. Information: Instrumentation Laboratory Inc., Jonspin Road, Wilmington, MA 01887 (tele: 617-658-5125).

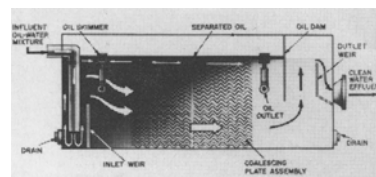


• Analytical Measurements' new Doser consists of an indicating pH controller mounted on a frame that supports an adjustable feed pump that can provide flow rates of 10 to 1 and, by proper bellow selection, can cover a range from 3.0 ml per minute to 1730 ml per minute. The control point can be set from 0 to 14 pH, and a double set of relay contacts of 10 ampere rating permits use of two pumps or two solenoids, or one of each, simultaneously. Information: Analytical Measurements Inc., 31 Willow St., Chatham, NJ 07928 (tele: 201-273-7500).



• Neptune Chemical Pump Company is offering chemical feed systems for water and waste treatment chemicals with custom-designed skid mounting. Typical skid systems include all mechanical and electrical components. Details: Michael Dowse, Neptune Chemical Pump Co., PO Box 247, Lansdale, PA 19446 (tele: 215-242-1313).

• Bailey Meter Co. is promoting its Bailey Conservor System program by offering firms a free fuel-savings analysis on ways to cut fuel consumption in boilers or process furnaces up to 15%. Bailey sales representatives obtain information on types and amounts of fuels used, amount of excess combustion air, temperature of exit gases, and similar data. Bailey uses its computers to determine projected savings. Details: Bailey Meter Co., Wickliffe, OH 44092 (tele: 216-943-5500).



• General Electric's Re-entry and Environmental Systems Division is offering a line of oil/water separators to meet EPA standards in separation of a spectrum of oils from oily water mixtures of high or low concentrations at diverse flow rates. Standard capacities are 25, 75, and 150 gpm. Information: GE Co. Re-entry and Environmental Systems Division, 3198 Chestnut St., Philadelphia, PA 19101.

• Pollution Control Engineering has developed a portable oil skimmer collector, the PCE Belt Skimmer, designed for use in reclaiming oils of varying viscosities. Surface oil collects on a PVC continuous belt as it rises from wastewater. Efficiency is retained as surface level varies because the belt penetrates below the water's surface, the firm says. The unit is designed for use when oil collection is less than 1,200 gallons per day. Details: Pollution Control Engineering Inc., 10751 Lakewood Blvd., Downey, CA 90241.

• Lab-Line Instruments Inc. has a new hot air shaking incubator that includes safety thermostats. If the control thermostat should fail, the safety thermostat takes over to protect samples. Information: Lab-Line Instruments Inc., Lab-Line Plaza, Melrose Park, IL 60160.

• Perkin-Elmer's new microprocessor control Model HGA-500 Graphite Furnace for atomic absorption spectroscopy has a program memory that accommodates seven complete analytical programs of up to nine steps each. Temperature may be increased from ambient to 3000 C, displayed to the nearest 10 C with time continuously programmable from 0 to 999 seconds. Information: Perkin-Elmer Corp., Instrument Division, Main Avenue, Norwalk, CT 06856 (tele: 203-762-1000).

• Motorola Process Control Inc. has announced a fully automatic moisture analyzer, Compu-Trac. The device uses all solid state components, including a microcomputer. It measures samples from 3 to 6 grams with moisture percentage (dry basis) or moisture ratio (wet basis) displayed on three large digits. Information: Motorola Process Control Inc., 1711 W. 17th St., Tempe, AZ 85291 (tele: 602-994-6510).

• Forma Scientific has introduced a new portable CO<sub>2</sub> controller designed to provide automatic CO<sub>2</sub> control to continuous flow water-jacketed and forced draft CO<sub>2</sub> incubators of all types. Forma says the unit can reduce CO<sub>2</sub> consumption as much as 90% over continuous flow systems. Information: Forma Scientific, Division of Mallinckrodt Inc., Box 649, Marietta, OH 45750 (tele: 800-848-3080).

• Perkin-Elmer has available a four-page data sheet on its



Model F-42 Vapor Space Chromatograph coupled with the Sigma 10 Chromatography Data Station. The chromatograph is fully automated with all time and temperature settings on reproducible digital switches. It accepts 30 sample vials. The firm also has introduced its HS6, a new head space sampler for gas chromatography, designed for use with Sigma series instruments, enabling them to perform semiautomatically head space analyses. Samples may be either solid or viscous liquids. Information: Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856 (tele: 203-762-6853).

- Pall Trinity Micro Corp. is offering a 30-page package of information on four of its small-flow filter product brochures. The material discusses filtering requirements for flow below 10 gpm. Information: Small Flow Group, Pall Trinity Micro Corp., Cortland, NY 13045.

- Alsop Engineering Co. has introduced a new stainless steel sanitary filter, Model 12-SF, designed to reduce retained product to an absolute minimum, thereby permitting quick cleaning and reducing downtime. Details: Alsop Engineering Co., Milldale, CT 06467 (tele: 203-628-9661).

- R & G Sloan's new GSR Sediment Strainer uses transparent PVC so that a quick look can determine whether the filter screen needs replacing. The strainer is available in sizes from 3/8 in. to 4 in., and maintenance can be performed without disconnection from the piping system. Information: Industrial Division, R & G Sloane Manufacturing Co., Inc., 7606 N. Clybourn Ave., Sun Valley, CA 91352 (tele: 213-767-4726).

- Waltham Chemical Pump Corp. has introduced a chemical resistant diaphragm valve designed for anti-siphon, back pressure, or pressure-relief applications. The Walchem Diaphragm Tri-Purpose Valve, Model 8011C has a maximum flow rate of 110 gph steady of 35 gph pulsating. Information: John Dacey, Waltham Chemical Pump Corp., 1396 Main St., Waltham, MA 02154 (tele: 617-899-8604).

- Glidden Maintenance Coatings has developed a two-component epoxy finish for use as an intermediate coat in industrial and commercial applications that require coatings immune to a broad range of chemical, solvent, and surface and atmospheric moisture exposure. The finish is acceptable by USDA for incidental food contact. Information: J.J. Ellis, Manager, Glidden Architectural and Maintenance Coatings, 900 Union Commerce Building, Cleveland, OH 44115.

### Masiero announces two contracts

Masiero Industrial S.A. of Brazil has received contracts to construct two soybean extraction systems. One will be built for Olvepar S.A. of Parana, Brazil, to handle up to 1,000 tons a day; the second will be for Baldo S.A. in Rio Grande Do Sul, Brazil, to handle 300 tons a day. The firm has sold ten soybean oil extraction systems during the past four years.

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